

Title (en)
A medical guide wire

Title (de)
Medizinischer Führungsdraht

Title (fr)
Fil de guidage médical

Publication
EP 1547638 B1 20080618 (EN)

Application
EP 04258115 A 20041223

Priority
JP 2003428575 A 20031225

Abstract (en)
[origin: EP1547638A2] In a medical guide wire (1) formed by a helical hollow wire body which is arranged to retractably move against a needle tip (6), the helical hollow wire body is formed into a wire-stranded helical hollow tube (2) by stranding a multitude of wire coil elements (3). The wire coil elements (3) of a wire-stranded helical hollow tube (2) has a stranding angle (θ_1) of 55 degrees or less against an axial direction of the wire-stranded helical hollow tube (2), and having an angle more than plus 2 degrees or an angle less than minus 2 degrees against a knife edge angle (θ_2) of the needle tip (6), thus preventing the wire coil elements (3) from inadvertently hitched in the needle tip (6), and thereby enabling manipulators to a smooth insertion and pull operation so as to improve curability when the wire-stranded helical hollow tube (2) is retractably manipulated against the needle tip (6). <IMAGE>

IPC 8 full level
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CPC (source: EP US)
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Cited by
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